

CLEAN VERSION

IN THE TITLE:

Cancel the present title and substitute: ELECTRIC VACUUM CLEANER HAVING EXHAUST AIR RETURN FEATURE.

IN THE SPECIFICATION:

Please amend the specification as follows:

Page 9, line 2, cancel "49" and substitute -shown-

Page 12, lines 17 and 18, cancel "axle" and substitute -shaft-.

Page 12, line 14, cancel "A n" and substitute -An-.

Page 12, line 25, cancel "81is" and substitute -81 is"

Page 13, line 17, cancel "are pass" and substitute -pass-; cancel "78".

IN THE CLAIMS:

Please amend the claims as follows:

Cancel claims 1 and 2. Add new independent claims 6 and 7. Amend claims 3-5 to be dependent upon new claim 6, as shown.

3. (Amended) A vacuum cleaner according to claim 6, wherein air in said air circulation exhaust path is directed in said floor suction tool toward said rotation brush in a direction to augment rotation of said rotation brush.

4. (Amended) An electric vacuum cleaner according to claim 6, wherein:
said floor suction tool includes a suction tool body, a pivoting pipe movable up and down with respect to said suction tool body, a connection pipe pivotable in a circumferential direction with respect to said pivoting pipe;
said air circulation exhaust path passing through said suction tool body, said pivoting pipe and said connection pipe;

said feeder lines passing along said pivoting pipe and said connection pipe;
said feeder lines have a slack in the vicinity of said pivoting pipe and said connection pipe; and
said slack exceeding a pivoting distance of said pivoting pipe and said connection pipe.

5. (Amended) An electric vacuum cleaner according to claim 6, wherein exhaust air is guided to said rotation brush in a rotation direction of said rotation brush.

Claim 6. An electric vacuum cleaner comprising:
a vacuum cleaner body containing a motorized fan;
a flexible hose connected to said vacuum cleaner body;
an extension pipe connected to said flexible hose;
a floor suction tool connected to said extension pipe, said tool containing a rotation brush and a motor for rotating said brush;
an exhaust path disposed in said vacuum cleaner body to guide an exhaust of said motorized fan into said flexible hose;
a path disposed in said flexible hose to communicate with said exhaust path in said vacuum cleaner body;
a path disposed in said extension pipe to communicate with said path in said flexible hose;
a path disposed in said floor suction tool to communicate with said path in said extension pipe;
said paths constituting an air circulation guide path passing from said body along said hose and said pipe to said tool;
said air circulation guide path including an air filter whereby the air in said guide path is clean air;

electric lines from said body to said motor for rotating said rotation brush, said electric lines passing along said air guide path whereby said electric lines are protected from contaminants in air moving therepast.

Claim 7. An electric vacuum cleaner having a motorized fan with an exhaust outlet and a suction outlet and comprising:

an elongated hose device having an inner hollow hose disposed in spaced apart relationship with an outer hollow hose;

means connected to one end of said hose device for connecting the inner hose to the suction inlet of the fan and connecting the outer hose to the exhaust outlet of the fan;

an elongated extension pipe device having an inner hollow conduit disposed in spaced relationship within an outer hollow conduit, one end of the pipe device being connected to the other end of the hose device with the inner conduit connected to the inner hose and thus connected by the inner hose to the suction inlet of the fan and the outer conduit connected to the outer hose and thus being connected to the exhaust outlet of the fan; and

a floor suction tool connected to the other end of the pipe device, said tool having a suction port connected to the inner hollow conduit of the pipe device and thus being connected to the suction inlet of the fan, said tool having an exhaust port connected to the outer hollow conduit of the pipe device and thus being connected to the exhaust outlet of the fan.

IN THE DRAWING:

Applicant kindly acknowledged Examiners's comments on the drawings. The specification has been amended to make the necessary corrections.